Particulars	Per	Quantity	Rate
			Rs.
SLUICES.			
Petty repairs and providing plug and rod with locking arrangements.	Each Sluice	2	
Total of sluices ...	...	...	
WASTE WEIR AT R. L. 53·00.			
Removing and resetting coping slab in surki mortar ...	S.ft.	191	
Burnt brick in surki mortar	C.ft.	1.322	
Plastering with surki mortar	Sqr.	14·19	
Concrete in surki mortar	C.ft.	56	
Removing and resetting a pron	C.yd.	25	
New stone revetment (laterite)	,,	2	
Total of waste weir ...	...	...	
CONSTRUTCING A ROUGH STONE SILT DAM FOR THE APPROACH HALLA.			
Earthwork excavation	C.yd.	346	
Rough stone work dry	,,	81	
Filling with jelly the hollow portion between the crest and ground level of apron front and rear	Lump	sum	
Total ...	..	...	
Total of all ...	...	...	

N. LAKSHMINARASIMHAIYA,
Executive Engineer.

WATER SUPPLY DIVISION, BANGALORE.

Abstract Notification, dated 10th May 1929.

The attention of the public is invited to the detailed notification called for sealed tenders for laying 5" & 4" main from the Pump House at the foot of Lalitadri to the proposed Balancing Tank at the top of Lalitadri for Water Supply to New Guests Mansion, Mysore, published on pages 427-428 of Part IV of the *Mysore Gazette*, dated 16th May 1929.

The last day of the receipt of tenders is 21st May 1929.

B. R. GARUDACHAR,
Executive Engineer.

TUMKUR DIVISION.

Dated 15th May 1929.

Notice is hereby given that sealed tenders will be received at the Office of the Executive Engineer, Tumkur Division, Tumkur, up to 2 P.M., of 12th June 1929, for constructing Dalvoy tank near Singadahalli, Chiknayakanhalli Taluk, within half a mile of 14th mile of Chiknayakanhalli-Hagalvadi Road. An approximate estimate of quantities is given below. These quantities are not guaranteed. The work should be completed by the end of May 1932.

2. *The plans* and detailed estimate may be seen at the Executive Engineer's Office at Tumkur, between the hours of 11 A.M. and 5 P.M. on working days.

3. Tenders should be submitted on printed forms which may be obtained from the Office of the Executive Engineer.

4. Each tender must be accompanied by a deposit of Rs. 3,000 only in cash or Government Promissory Notes, as earnest money and be superscribed "Tender for constructing Dalvoy tank, near Singadahalli, Chiknayakanhalli Taluk" in default of which, tenders will be rejected.

5. The final acceptance of any tender will rest with the Government, who do not bind themselves to accept the lowest or any tender or to assign any reason whatever for the rejection of any tender.

6. Within eight days of the acceptance of the tender, the successful competitor will be required to execute the usual contract bond ; in default of which his tender will be considered cancelled, and his earnest money will be forfeited.

7. The name of the successful competitor, whose tender has been accepted, will be posted on the notice board in the Executive Engineer's Office in due course. No enquiries regarding the acceptance or rejection of a tender will receive any reply.

8. On acceptance of one of the tenders, the earnest money on rejected tenders will be returned.

9. The rates should be noted both in figures and in words in the form, without any corrections or any additions under items of work.

10. No claims for any higher rate on any account will be entertained after the tender is accepted.

11. The contractor will be dealt with, in terms of his bond for any short progress or delay in the execution of the work.

12. In matters of all disputes about rates, measurements, quality of work, etc., and in all disputes of any kind, the decision of the Chief Engineer will be final and legally binding on the contractor.

13. It should be clearly noted in the tender, whether the tenderer requires Government to supply him with machinery, namely, pump and engine for bailing out water, trolley line and tipping wagons for earth work, etc., for his doing the work paying the usual hire as per codal rules.

14. In the case of all lumpsum items, individual items of work will be paid as per rates tendered already under other works and the rest at scheduled rates.

15. If the tenderer is agreeable to accept a lumpsum amount to be paid in instalments at the discretion of the Executive Engineer, all work to be done for bailing out water (*vide* item No. 13 of "Halla portion" of bund in the statement) in lieu of nominal roll payment, he may note the same.

16. Percentage rates above or below the estimate rates will not be accepted.

Abstract estimate of the probable cost of constructing Dalvoy Tank near Singadahalli, Chiknayakanhalli Taluk.

Serial No.	Description of work	Unit	Quantity
	I. BUND R. L. 78·00.		Rs.
	(1) *Raising the old bund to R. L. 78·00.*		
1	Clearing jungle with roots	Lump sum	
2	Removing top soil to a depth of 6"	C.yd.	3,008
3	Cutting grips to bund	,,	1,240
4	Earthwork excavating foundation for puddle and revetment.	,,	1,562
5	Puddle work including lead watering and consolidation ...	,,	3,319
6	Earthwork to bund including lead and lift watering and consolidating in layers of 1 foot.	,,	47,628
7	Removing earth got out of excavation of foundations to sluice, puddle and revetment and approach and draft of waste weir, to top of bund, forming and consolidating including watering.	,,	5,720
8	Turfing the slopes of bund including watering till it takes root.	S.yd.	10,733
9	New rough stone work for revetment with jelly backing, including lead, jelly wedging, etc., complete.	C.yd.	5,593
10	Gravel backing to revetment including watering and consolidation and lead for gravel.	,,	1,865
11	Providing and fixing new grade stones (3′ × 1½′ × 6″) with bed slabs and including chiselling figures, painting with white lead and figuring with Japan.	Each	30

Serial No.	Description of work	Unit	Quantity
12	Providing and fixing Index Stones ($2\frac{1}{2}'$ x $\frac{3}{4}'$ x 6″) including chiselling figures to denote width of bund, painting with white lead, and figuring with Japan.	Each	30
13	Providing and fixing B. M. stones as per approved design, including chiselling letters and figures and painting with white lead, japanning, etc., complete.	,,	2
14	Do Register number stone ...	,,	1
15	Do Date stone	,,	1
16	Do Gauge stone	,,	2
17	Do Constructive details stone ...	,,	1
	(ii) Halla portion (Bund R. L. 78·00.)		
1	Cutting and removing trees and jungle, with roots ..	Lump	sum
2	Clearing sand and silt, whether wet or dry including slush.	C.yd.	5,060
3	Removing top soil to a depth of 6″	,,	227
4	Earthwork excavation for cutting trenches, grips and foundation for revetment.	,,	1,424
5	Removing good earth got during excavation (*vide* item No. 4) and forming bund, including watering and consolidation.	,,	950
6	Excavation in soft rock for puddle trench, for foundation of masonry core wall, and revetment.	,,	314
7	Burnt brick in surki mortar for core wall	C.ft.	3,528
8	Puddle work including lead watering and consolidation ...	C.yd.	3,229
9	Earthwork to bund (with selected earth one part and clay one part) including lead, lift, watering and consolidation.	,,	33,719
10	New rough stone work for revetment with jelly backing, including lead jelly wedging, etc., complete.	,,	2,998
11	Gravel backing to revetment, including watering and consolidating and lead for gravel.	,,	729
12	Turfing the slopes of bund, including watering till it takes root.	S.yd.	2,970
13	Baling out water from foundation	Lump	sum
14	Sinking temporary wells for water for consolidation of earthwork.	Lump	sum
15	Temporary flood escape weir for two seasons... ...	Lump	sum
16	Providing jelly drains at the rear of bund	Lump	sum
	II. CONSTRUCTING RIGHT AND LEFT SLUICES AT R. L. 55·00. *(i) Right Sluice.*		
1	Earthwork excavating foundation	C.yd.	330
2	Burnt stone jelly concrete in surki mortar	C.ft.	1,144
3	Burnt brick in surki mortar	,,	3,576
4	Wire cut bricks in cement mortar	,,	713
5	Providing and fixing burnt stone slabs 9″ thick two line dressed.	S.ft.	47
6	Do do 6″ do ...	,,	823
7	Do do $4\frac{1}{2}$″ do ...	,,	157
8	Drilling holes in the orifices, guide slabs, and slab over gibbets.	Lump	sum
9	Plastering with surki mortar (half an inch thick) ...	Sqr.	6·46
10	New rough stone work for pitching, including jelly wedging, lead, etc., complete.	C.yd.	8
11	Providing and fixing plugs with gearing rods (about 25′ long) teak wood beam, bush plates, hanging down bolts, nuts, etc., complete.	Lump	sum

Serial No.	Description of work	Unit	Quantity
	(ii) Left Sluice.		
	Same items and same quantities as for Right Sluice—	...	...
	III. LEFT WASTE WEIR 300′ LONG AT R. L. 70 00.		
1	Cutting in soft rock and filling below apron for 1 foot thick and removing the remaining quantity from work spot.	C.yd.	6,995
2	Excavation in gravelly soil	,,	3,498
3	Burnt stone jelly concrete in surki mortar	C.ft.	2,270
4	Burnt brick in surki mortar	,,	6,358
5	Providing and fixing burnt stone slabs, (6″ thick) two line dressed and including joggle joints.	S.ft.	1,224
6	Plastering with surki mortar (half an inch thick) ...	Sqr.	26·40
7	New rough stone work for apron including jelly wedging, and lead for rough stones.	C.yd.	200
	IV. DRAFT CHANNEL OF LEFT WASTE WEIR.		
1	Opening a draft channel for the Waste Weir "Halla" including forming training Bank, for about three furlongs.	,,	As per actual execution.
2	Constructing revetment to training bank, including jelly wedging, lead, etc., complete, for a length of three furlongs.	,,	Do
	V. OPENING SLUICE CHANNELS.		
	(i) Left Sluice Channel.		
1	Cutting in gravelly soil and forming embankment ...	,;	3,439
2	Cutting in soft rock and removing	,,	886
3	Forming embankment with new earth	,,	1,665
4	Providing and fixing zero and mile stones as per approved design including chiselling figures, painting with white lead, and Japanning, etc., complete.	Each	2
5	Do furlong and half furlong stones	,,	15
	(ii) Right Sluice Channel.		
1	Cutting in gravelly soil and forming embankment ...	C.yd.	4,701
2	Cutting in gravel mixed with boulders, and using gravel alone for embankment and stacking boulders at the site approved.	,,	1,638
3	Cutting in soft rock and removing	,,	3,952
4	Forming embankment with new earth	,,	10,676
5	Providing and fixing zero and mile stones as per approved design, including chiselling figures, painting with white lead and Japanning, etc., complete.	Each	4
6	Do do furlong and half furlong stones ...	Each	45
	(iii) Cross Drainage Works and Costruction of Madaboys along the Left Sluice Channel.		
1	Constructing masonry super passage across the draft channel of weir.	Lumpsum	Rupees
2	Constructing relieving weirs in 4/1	Each	2
3	Constructing iron pipe madaboys with necessary masonry head walls, rough stone wings, and locking arrangements, etc., complete.	,,	4

Serial No.	Description of work	Unit	Quantity
	(iv) Masonry Works along the Right Sluice Channel.		
1	Constructing masonry aqueduct in 8/1	Lumpsum	Rupees
2	Do relieving weirs (masonry) in 2/2 and 3/2 ...	Each	2
3	Do iron pipes madaboys with masonry head walls, rough stone wings, locking arrangements, etc., complete.	,,	12
4	Constructing cart bridges	,,	4
5	Constructing a foot bridge	,,	1
	VI. x x x x		
	VII. DEVIATION OF CHIKNAYAKANHALLI-HAGALVADY ROAD.		
	Road deviation from 2/14 to 2/15 including one bridge across waste weir halla.	Lumpsum	Rupees
	VIII. Providing temporary quarters	Lumpsum	Rupees
	IX. x x x x		
	X. x x x x		
	XI. x x x x		

Abstract estimate of the probable cost of constructing Dalvoy Tank near Singadahalli, Chiknayakanhalli Taluk.

	I. BUND R. L. 78·00.		
	(i) Raising the Old Bund to R. L. 78·00.		
1	Clearing jungle with roots	Lumpsum	Rupees
2	Removing top soil to a depth of 6″	C.yd.	3,008
3	Cutting grips to bund	,,	1,240
4	Earthwork excavating foundation for puddle and revetment	,,	1,562
5	Puddle work including lead watering and consolidation ..	,,	3,319
6	Earthwork to bund including lead and lift, watering and consolidating in layers of 1 foot.	,,	47,628
7	Removing earth got out of excavation of foundations to sluice, puddle, and revetment, and approach and draft of waste weir, to top of bund, forming and consolidating including watering.	,,	5,720
8	Turfing the slopes of bund, including watering till it takes root.	S.yd.	10,733
9	New rough stone work for revetment with jelly backing, including lead, jelly wedging, etc., complete.	C.yd.	5,593
10	Gravel backing to revetment, including wraping and consolidation, and lead for gravel.	,,	1,865
11	Providing and fixing new grade stones (3′ x 1 ′ x 6″) with bed slabs and including chiselling figures, painting with white lead and figuring with japan.	Each	30
12	Providing and fixing index stones ($2\frac{1}{2}$′ x $\frac{3}{4}$′ x 6″), including chiselling figure to denote width of bund painting with white lead and figuring with japan.	,,	30
13	Providing and fixing B. M. Stones, as per approved design, including chiselling letters and figures, painting with white lead, japanning, etc., complete.	,,	2
14	Do Register No. stone	,,	1
15	Do Date stone	,,	1
16	Do Gauge stone in 2 pieces	,,	2
17	Do Constructive details stone	,,	1
	(ii) Halla Portion—(Bund R. L. 78·00).		
1	Cutting and removing trees and jungle with roots ...	Lumpsum	Rupees
2	Clearing sand and silt whether wet or dry including slush ..	C.yd.	5,060
3	Removing top soil to a depth of 6″	,,	227
4	Earthwork excavation for cutting, trenches, grips, and foundation for revetment.	,,	1,424

Sl. No.	Description of work	Unit	Quantity
5	Removing good earth got during excavation (*vide* item 4) and forming bund, including watering and consolidation.	C.yd.	950
6	Excavation in soft rock for puddle trench for foundation of masonry core wall and revetment.	,,	314
7	Burnt brick in surki mortar for core wall ...	C.ft.	3,528
8	Puddle work including lead, watering and consolidation.	C.yd.	3,299
9	Earthwork to bund (with selected earth one part and clay one part) including lead, lift, watering and consolidating.	,,	33,719
10	New rough stone work for revetment with jelly backing including lead, jelly wedging, etc , complete.	,,	2,998
11	Gravel backing to revetment, including watering and consolidating and lead for gravel.	,,	729
12	Turfing the slopes of bund, including watering till it takes root.	S.yd.	2,970
13	Baling out water from foundation	Lump sum	Rupees
14	Sinking temporary wells for water for consolidation of earthwork.	Lump sum	Rupees
15	Temporary flood escape weir for two seasons	Lump sum	Rupees
16	Providing jelly drains at the rear of bund	Lump sum	Rupees
	II CONSTRUCTING RIGHT AND LEFT SLUICES, AT R. L. 55·00.		
	(i) Right Sluice.		
1	Earthwork excavating foundation...	C.yd.	330
2	Burnt stone jelly concrete in surki mortar	C.ft.	1,144
3	Burnt brick in surki mortar	,,	3,576
4	Wire cut bricks in cement mortar	,,	713
5	Providing and fixing burnt stone slabs (9" thick), two line dressed.	S.ft.	47
6	Do do 6" do ...	,,	823
7	Do do 4½" do ...	,,	157
8	Drilling holes in orifices, guide slabs and slab over gibbets	Lump sum	Rupees
9	Plastering with surki mortar half an inch	Sqr.	6·46
10	New rough stone work for pitching including jelly wedging lead, etc., complete.	C.yd.	8
11	Providing and fixing plugs, with gearing rods, about 25 long teakwood beam, bush plates, hanging down bolts, nuts, etc., complete.	Lump sum	Rupees
	(ii) Left Sluice. Same items, and same quantities as for right sluice.		
	III LEFT WASTE WEIR: 300' LONG AT R. L. 70 00.		
1	Cutting in soft rock, and filling below apron for 1' thick, and removing the remaining quantity from work spot.	C.yd.	6,995
2	Excavation in gravelly soil	,,	3,498
3	Burnt stone jelly concrete in surki mortar	C.ft.	2,270
4	Burnt brick in surki mortar	,,	6,358
5	Providing and fixing burnt stone slabs, (6" thick) two line dressed, and including joggle joints.	S.ft.	1,224
6	Plastering with surki mortar half an inch thick ...	Sqr.	26·40
7	New rough stone work for apron including jelly wedging and lead for rough stones.	C.yd.	200

Serial No.	Description of work	Per	Quantity
	IV DRAFT CHANNEL OF LEFT WASTE WEIR.		
1	Opening a draft channel for the waste weir halla including forming training bank for about 3 furlongs.	C.yd.	as per actual execution
2	Constructing revetment to training bank including jelly wroping, lead, etc , complete for a length of 3 furlongs.	,,	Do
	V OPENING SLUICE CHANNELS.		
	(i) *Left Sluice Channel.*		
1	Cutting in gravelly soil, and forming embankment ...	,,	3,439
2	Cutting in soft rock and removing	,,	886
3	Forming embankment with new earth	,,	1,665
4	Providing and fixing zero and mile stones as per approved design including chiselling figures, painting with white lead and japanning, etc., complete.	Each	2
5	Do furlong and half furlong stones ...	,,	15
	(ii) *Right Sluice Channel.*		
	Cutting in gravelly soil, and forming embankment ...		
1	Cutting in gravel mixed with boulders, and using gravel	C.yd.	4,701
2	alone for embankment and stocking boulders at the site approved.	,,	1,638
	Cutting in soft rock and removing		
3	Forming embankment with new earth	,,	3,952
4	Providing and fixing zero and mile stones, as per approved	,,	10,676
5	design including chiselling figures, painting with white lead and japanning, etc., complete.	Each	4
	Do furlong and half furlong stones ...		
6		,,	45
	(iii) *Cross drainage works and construction of madaboys along the left sluice channel.*		
1	Constructing a masonry super passage across the draft channel of weir.	Lump sum	Rupees
2	Constructing relieving weirs in 4/1	Each	2
3	Constructing iron pipe madaboys, with necessary masonry head walls, rough stone wings, and locking arrangement complete.	,,	4
	(iv) *Masonry works along the right sluice channel.*		
1	Constructing masonry aqueduct in 8/1	Lump sum	Rupees
2	Constructing masonry relieving weirs in 2/2 and 3/2 ...	Each	2
3	Constructing iron pipe madaboys with masonry head walls, rough stone wrap, locking arrangements, etc., complete.	,,	12
4	Constructing cart bridges	,,	4
5	Constructing a foot bridge	,,	1
	VI x x x x		
	VII Deviation of Chiknayakanhalli Haglvady Road.		
	Road deviation from 2/14 to 2/15—including one bridge across waste weir halla.	Lump sum	Rupees
	VIII Providing temporary quarters	Lump sum	Rupees
	IX x x x x		
	X x x x x		
	XI x x x x		

V. V. PATANKAR,
Executive Engineer.

MISCELLANEOUS DEPARTMENTS.

COLLEGE OF ENGINEERING, BANGALORE.

Dated 28th March 1929.

The following articles in the College of Engineering, Bangalore, will be sold by public auction on Wednesday 26th June 1929. The auction sale will commence at 2 P.M., and will be conducted in the College Workshop premises.

The terms and conditions of auction sale will be as follows :—

(1) The articles will be knocked down to the highest bidder and in the event of any dispute arising between two or more bidders, at the same price, the articles shall be put up again and resold.

(2) The sale amount should be paid up immediately. In case could not be paid immediately, a deposit of 25 per cent of the amount should be recovered from the successful bidder immediately the articles are knocked down in his favour and such deposits shall be treated as forfeited to Government in case of any default to pay the full purchase money within 24 hours of the sale.

(3) Cash should be paid in full for articles purchased by bidders before delivery but the articles will not be allowed to be removed from the place of auction until after the close of the sale.

(4) In case of default of payment of the whole or any portion of the purchase amount by the bidder the articles will be resold and the bidder will be liable to any loss incurred thereby. The bidder will also be liable to make good to Government any loss incurred thereby without having the right to participate in any excess realised.

(5) All articles purchased will be at the risk of the purchaser thereof from the time of sale.

(6) All articles should be accepted with faults and errors of all description as sold.

(7) The successful bidder must remove articles within 24 hours after his bid has been accepted.

(8) The officer conducting the sale may not accept the highest bid if the bid offered is not a reasonable value of the articles.

Serial No.	Name of articles	Number	Serial No.	Name of articles	Number
1	Big vices jaws .— 4½"—3, 5"—13, 5½"—2, 5½"—1, 6"—1.	20	29	Set hammer	1
			30	Country drills	15
			31	File brushes	11
2	Sluice valves 4"	4	32	Cleaning brushes	6
3	Carpenters' Chisels ¼"	9	33	Brass lock 1½"	1
4	Do do ½"	9	34	G. I. Alighar locks 1½"	3
5	Do do ¾"	2	35	Hopp's locks 2"	1
6	Do do ¾"	1	36	Auger ½" by 3/8"	2
7	Do do 1"	1	37	Flat files 14"	69
8	Do do 1½"	7	38	Do 12"	104
9	Smithy chisels	14	39	Do 8"	2
10	Flat and diamond chisels	63	40	Do 6"	36
11	Files round 10" and 12"	18	41	Wood rasp 10"	1
12	Do 6"	1	42	Taps ¼", 5/16" 3/8", ½", ⅝"	5 sets.
13	Half round 14"	1	43	Taps 1/16", 3/32", 3/16"	3
14	Do 12"	1	44	Gas taps ½"	1 set
15	Do 6"	2	45	Dies 5/8"	1 set
16	Do 3"	2	46	Milling machine cutters	3
17	Square files 10" and 12"	12	47	Iron pans	8
18	Do 6"	1	48	Foundary tubs	12
19	Triangular files	14	49	Brace bits	20
20	Do 3"	1	50	Stop watch	1
21	Latho tools	61	51	Insulated wire	48 lbs.
22	Hammers ball pane 1½ lb	4	52	Wire file 4"	1
23	Galvanized buckets	4	53	Swage-Top and bottom 1"	1
24	Jack plane bits	2	54	Glass cutter	1
25	Plane blades	13	55	Caste steel figures—1 box	..
26	Latho carriers	5	56	Three cornered file—rough 3½"	7
27	Tongs	4	57	Steam valve 1½" x 3/8"	2
28	Flatters	12	58	Gland cock—½" by 3/8"	2
	Gas Plant.				
59	Shovel	2	62	Empty drums	5
60	Rake	1	63	Iron locks 2½", 2"	2
61	Pumps	3			
	Survey Section.				
64	Ranging rods	6	66	Tapes 50" with covers	6
65	Plane table stand	1	67	Tapes unserviceable refills	25
	Furniture.				
68	G. I. lock 1½"	5	74	Call bell	1
69	Do 2"	1	75	Hopps locks 2"	5
70	G. I. buckets	13	76	Mamties	2
71	Rubber stamps	1	77	Pick axe	2
72	Lanterns	7	78	Hammers 2 lbs.	1
73	Hand bell	1	79	Do 5 lbs.	2

S. H. [illegible]